

Customer: _____
 Job No: _____



SPRAYBOOTH COMMISSIONING REPORT

Company:	Conco Automation	Date of Commissioning:	8/16/21
Address:	2425 3500 W. 10th Tomball, TX 77375	Manufacturer:	SSM
Phone:	281-962-3462	Model:	00000000
Website:	www.conco.com	Spray Booth ID:	7/6/21
Phone:	281-962-3462	Self Service Port:	Callum Scott
Contact:	John Scott	Engineer:	

Extract Filter Type:	PUZ PUS	Extract Filter Type:	
Extract Filter Size:	1000 x 1000	Quantity:	1
Input Filter Size:	2500 x 1000	Quantity:	3

Extract Panel Type:	Acid Resistant	Rating:	3	10y	1
Input Panel Type:	Acid Resistant	Rating:	3	10y	1
Washer Settings:	42.0	Input:	34.0	Hz	
Output Extract:	0.0	Input:	35.0	Hz	
Speed Extract:		Input:		% Open	
Exhaust Fan Position:		% Open			

Burner Settings:		Output:		BTU/Hr
Fuel Type:	Natural Gas	On:	1	
Burner Make/Model:	Natural Gas			
Gas Pressure Gas/LPG:		Working Pressure (High Flow):	10	PSI
Working Pressure:	10	Working Pressure (Low Flow):	10	PSI
Oil Settings:		Pump Pressure:		
Nozzle Size:				
Flue Analysis:	CO	PPM	CO2	%

Cleanliness Time:	2	Min	10	Sec	Booth Pressure:	-2.0	PSI
Bake Temperature Time:	2	Min	15	Sec	Booth Pressure:	1.50	PSI
Lighting Type:	TLED LED	Type:	LED	Qty:	8		

Work Complete:	100	%	Hours Run:	600
Engineer Signature:				
Customer Signature:				

VOLUME CONTENT

100% solids base	500 g/l
100% solids filling medium	6-10 g/l
100% solids printing medium	100 g/l

* The mixing is not intended and is not intended for production.

APPLICATION CONSIDERATIONS

It is recommended to apply the primer under 10°C and under a humidity of 80%.

APPLICATION

	Traditional powder primer application	Resin	Filler	Distances
		1.0 - 1.5 mm		Calculate the distance according to the manufacturer's guidelines
	Net. of coats	1-2		
	Single dry coat thickness	20 - 30 µm		20 - 40 µm
	Ready to use coating primer for the given range of dry coat thickness	0.5 m ² /l at 100 µm		0.4 m ² /l at 50 µm
	Mixture life at 20°C	1 h		
	Flash off time between coats	5-10 min		

CURING TIMES

	20°C	60°C
	3 h	30 min

CAUTION: The curing times apply to the temperature of specific standards.

COMATABILITY

Compatible with Spectral Base 2.0, Spectral Wave 2.0, and Spectral 2K.

Apply the primer in the test on wet version after 15 days/20°C.

The maximum application time for the test and without staining is 7 days. After a minimum of 8 hours from the application, degrease the primer with the Extra 700 universal degreaser.

IN DRYING

	Distance	Follow the manufacturer's guidelines
	Time, depending on layer type and primer	1-2 h

CAUTION: Start air heating after at least 10 mins from applying the last coat.



CAUTION

Smoke Test Clearance Time

Spraybooth ID: Todd/Olympian
Certificate No: 572343
Test Date: 12th June 2020
Re-Test Date: 11th June 2021
Tested By: S. Roberts
Location: Ginga Auto Body Repairs
PO11 9QZ

Until Clearance Time has Elapsed

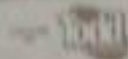
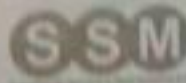
- 1. Do not enter booth without wearing PPE
- 2. Do not remove any PPE whilst in the booth
- 3. Be aware of the hidden risk of inhaling Isocyanate

Complies with regulations issued by Health & Safety Executive and Fire & Environment Department

2 Minutes 48 Seconds

APPROVED SIGNATORY

Chris Todd
Managing Director



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Web: www.toddengineering.co.uk



Glassfibre Paint Arrestor Filter Media

Application

Designed for the retention of overspray from paint spraying extract systems in order to eliminate contamination of equipment, spoiling of painted surfaces and most importantly protection of the environment.

Description

Continuous, monofilament glassfibres are built up to create a matrix with a progressive density, having an open structure on the air inlet face and a firm laminate backing on the air exit face. These characteristics provide a material which promotes in-depth filtration (not surface loading) and therefore high paint holding capacity, with a minimum resistance to airflow. The high compressive strength ensures stability and rigidity which means the media will not sag under normal operating conditions causing unfiltered air by-pass.

Technical Data		2" PAX 500	4" PAX 1000
Average Paint Arrestance	%	95-98	98-99
Air Volume	m ³ /Hr/m ²	2500-6300	2500-6300
Initial resistance	Pa	7-40	14-60
Paint Holding Capacity at 80Pa and 0.7 m/sec	g/m ²	3500-4700	3900-5900
Filter Depth (nominal)	mm	50-65	95-110
Flame Resistance	BS 5588/CP413 DIN 53438	Non flammable	

Dimensions (Standard)

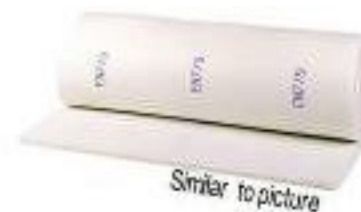
Standard Roll Sizes

From:	0.5 x 20m
To:	2.0 x 40m

Special roll sizes or cut pads can be supplied to customer requirements.

Technical data sheet

Cosmotec FL150 Polyester Media



Technical data:

Product	Filter roll
Medium	Polyester
Colour media	White and Blue/White
Dimension (width x length) [m]	1 x 1
Material thickness approx [mm]	12
Surface weight approx. [g/m ²]	150
Filter area [m ²]	1
Filter Class EN779:2012 / ISO16890	G2 / ISO Coarse 30%
Recommended nominal air flow [m ³ /h/m ²]	5400
Air velocity [m/s]	1.5
Initial pressure drop flat sheet tested [Pa]	50
Recommended final pressure drop [Pa]	250
Average arrestance [%] ^{**1}	≥ 80 < 90
Average efficiency at 0.4 µm [%] ^{**1}	-
Maximum humidity resistance [%]	100
Maximum operating temperature [°C]	80
Labelling	Filter class, test type

^{**1} Flat sheet tested

Characteristics of test:

Classification EN 779:2012 / ISO16890	G2 / ISO Coarse 30%
Fire Protection	DIN 53438 - 3 (F1)

Product Benefits:

The filter media is compressed towards the clean air side and takes full depth of fibrous web for dust adsorption	Shatter proof synthetic fibres, environmentally safe
Contains no silicone or other lacquer harming substances	Special sizes are possible depending on purchase quantities

Note:

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Technical data sheet

Cosmotec FL220 Polyester Media



Similar to picture

Technical data:

Product	Filter roll
Medium	Polyester
Colour media	White and Blue/White
Dimension (width x length) [m]	1 x 1
Material thickness approx [mm]	25
Surface weight approx. [g/m ²]	220
Filter area [m ²]	1
Filter class EN779:2012 / ISO16890	G4 / ISO Coarse 50%
Recommended nominal air flow [m ³ /h/m ²]	5400
Air velocity [m/s]	1.5
Initial pressure drop flat sheet tested [Pa]	70
Recommended final pressure drop [Pa]	250
Average arrestance [%] **	≥ 90
Average efficiency at 0.4 µm [%] **	-
Maximum humidity resistance [%]	100
Maximum operating temperature [°C]	80
Labelling	Filter class, test type

*Flat sheet tested

Characteristics of test:

Filter class EN779:2012 / ISO16890	G4 / ISO Coarse 50%
Fire Protection	DIN 53438 - 3 (F1)

Product Benefits:

The filter media is compressed towards the clean air side and takes full depth of fibrous web for dust adsorption	Shatter proof synthetic fibres, environmentally safe
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Filtration mats V600G



Filter class acc. to ISO 16890	ISO ePM ₁₀ 50%	
Average efficiency	ePM ₁	3%
	ePM _{2,5}	6%
	ePM ₁₀	50%
Filter class acc. to EN 779:2012	M5	

Medium	Polyester
Medium color	White 
Max. humidity resistance [%]	100
Max. temperature [°C]	80
Fire behaviour	DIN 53438 - 3 (F1)

Dimensions [m] (width x length)	1 x 1	Recommended nominal air flow [m ³ /h/m ²]	1.800
Filter area [m ²]	1	Air velocity [m/s]	0,50
Surface weight approx. [g/m ²]	635	Initial pressure drop [Pa]	70
Material thickness approx. [mm]	25	Recommended final pressure drop [Pa]	300
Labelling	Filter class, type test		

Available dimensions:

Standard roll length [m]	20,00
Maximal roll width [m]	2,30
Maximum cut length [m]	10,00

Initial pressure drop



Product Benefits:

- The filter media is compressed towards clean air side and takes full depth of fibrous web for dust adsorption
- Higher dust holding capacity by additional impregnation with dust adhesive
- Polyester-textile on clean air side gives a higher stability
- Contains no silicone or other lacquer harming substances
- Also available as filter tube or sewn filter bag
- Precuts for finished dimension



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